HB2100

1M HomePNA to Ethernet Adapter

INTRODUCTION

The 1M HomePNA Ethernet Adapter is designed to offer instant connectivity to multiple PCs over home's existing wiring. You can now take the advantages of inexpensive networking to your home or office, for HB2100 allows easy access to different devices sharing, Internet connections and multi-users gaming between PCs at the same time. Every standard telephone jack in the home is capable of hosting a PC-- you can connect up to 25 computers. This adapter is true Plug & Play. Thus transforming your telephone wiring into an expandable network is really easy and simple.

Features

- Builds a network using your existing telephone line at home
- Every RJ-11 phone jack is Internet ready
- Shares high-speed internet/intranet access technologies, such as XDSL, ISDN and cable modems
- Adjustable power level for various wiring environments
- 1 10BaseT Ethernet port for connecting to Ethernet or cable modem

SPECIFICATIONS

Network Specifications

- HomePNA 1.1 specification compliant
- IEEE 802.3 10BaseT Ethernet in half duplex mode

Connectors

- Two RJ-11 connectors, one for HomePNA and the other for bypass phoneline connection
- One RJ-45 phone jack for 10baseT Ethernet port

Dip Switch

- Adjustable power level to use in various wiring environment

Distance

- HomePNA: 500 feet maximum between the two farthest nodes on the LAN
- 10 BaseT: 100 meter maximum between the two farthest nodes on the LAN

PTT Approval

- United States: FCC part 68
- JAPAN: JATE

EMC Conformance

- VCCI Class II

Environmental Conditions

- Operating Range: 32˚to 140˚F (0˚C to 60˚C)
- Storage Range: -14˚to 149˚F (-10˚C to 65˚C)
- Humidity: 10% to 95%, noncondensing

Power Requirements

- External adapter: input 100 120VAC, 50/60 Hz, output 5V DC
- Power Consumption: 2W

LED Indicators

- 1M HomePNA Ports: LINK, ACTIVITY
- 10M Ethernet Ports: LINK, ACTIVITY
- Global POWER indication

Physical Dimension

- 114mm (W) x 67mm (D) x 25mm (H)

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